



**HOLY MOSES WASH HEC-RAS LOCAL STORM ANALYSIS**  
(100yr., 6 hr PRECIPITATION)

LOCATION (STATION)	DESCRIPTION	MAIN CHANNEL (CFS)	DIVERSION (CFS)
277+50	APEX (JHM5)	9,255	0
260+00	UPSTREAM	9,178	0
	DIVERSION 3	8,308	947
210+00	TRIBUTARY FLOW	8,077	0
175+00	DIVERSION 2	6,958	1,119
140+00	DIVERSION 1 (JHM4)	4,078	2,880

\* HMDIVB-  
1,119 cfs DIVERTED FROM HOLY MOSES WASH  
(DIVERSION WASH 2) WASH TO THIRTEEN  
MILE WASH BASIN 3 (13M-3)

**HOLY MOSES WASH HEC-RAS GENERAL STORM ANALYSIS**  
(100yr., 24 hr PRECIPITATION)

LOCATION (STATION)	DESCRIPTION	MAIN CHANNEL (CFS)	DIVERSION (CFS)
277+50	APEX (JHM5)	22,333	0
260+00	UPSTREAM	22,261	0
	DIVERSION 3	19,779	2,482
210+00	TRIBUTARY FLOW	20,228	0
175+00	DIVERSION 2	15,182	5,046
140+00	DIVERSION 1 (JHM4)	14,298	884

\* HMDIVB-  
5,046 cfs DIVERTED FROM HOLY MOSES WASH  
(DIVERSION WASH 2) WASH TO THIRTEEN  
MILE WASH BASIN 3 (13M-3)

**LEGEND:**

- PROJECT BOUNDARY
- FEMA FLOOD PLAIN
- DRAINAGE SHED BOUNDARY

**DRAINAGE SHEDS**

HM-A = HOLY MOSES WASH - DRAINAGE SHED A  
13M-2B = THIRTEEN MILE WASH - TRIBUTARY 2, DRAINAGE SHED B  
C-1C = CERBAT WASH - TRIBUTARY 1, DRAINAGE SHED C  
JHM5 = JUNCTION HOLY MOSES WASH, NODE 5

**DETENTION BASIN TABLE**

2-12 X 6 OUTLET  
Q out 9,400 cfs.  
Q in 17,100 cfs.  
STORAGE 875 AC. FT.  
DEPTH 12 FT.